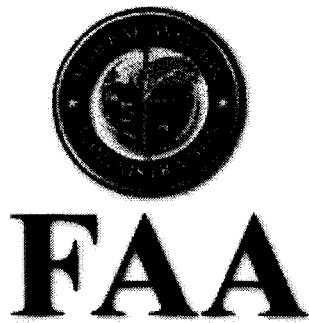


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FAA-04-18444-3



Airworthiness Concern Sheet

DEPT OF TRANSPORTATION
FAA

2004 OCT 13 P 3:38

Date: July 30, 2004

Full Name: Roger Caldwell
Title: Aerospace Engineer
Organization: Denver Aircraft Cert. Office
Department: ANM-100D
Address: 26805 East 68th Ave., Room 214
City: Denver **State:** CO **ZIP:** 80249
Telephone Number: 303-342-1086
E-mail: roger.caldwell@faa.gov.

Make, Model, Series, Serial No.: Great Lakes, 2T-1A, 2T-1A-1, and 2T-1A-2 aircraft.

Reason for Airworthiness Concern: During maintenance/annual activities an inspector in Kentucky discovered that the AD configuration for AD 79-20-08 was installed on at least two aircraft with the AEIO-360-B1G6 engine model and reported it to his geographic FSDO.

FAA Description of Airworthiness Concern :

AD 79-20-08 requires an inspection of the engine induction system for certain requirements on Lycoming engine models IO-360-B1F6 and AIO-360-B1G6, but not the AEIO-360-B1G6 model.

During a recent airworthiness inspection activity, an inspector was checking for compliance to Airworthiness Directives and discovered that two aircraft he was evaluating had yet a different engine model with compliance to the AD. The AD 79-20-08 did not call for the engine model he had identified, the Lycoming AEIO-350-B1G6. He reported this to his principle inspector and they in turn notified the ACO of this condition. Also, it has come to the attention of the FAA that there may be at least 9 other aircraft with this model engine installed that will require AD compliance.

At this time, since there is an existing AD, the FAA has made a determination that a revision to the AD is the proper corrective action that should be taken. The initial risk assessment for this concern indicated that a **Notice of Proposed Rulemaking (NPRM)** will be prepared and the safety effect is a Major consideration. The FAA's final determination and actions will depend in part on the information received in response to this Airworthiness Concern Sheet (ACS). The ACS is intended as a means for Federal Aviation Administration (FAA) Aviation Safety Engineers to coordinate airworthiness (A/W) concerns with aircraft through Associations and Type Clubs. Please forward any comments you have to Roger Caldwell via e-mail using the address above.

Request for Information (Proposed Alternate Inspection/Repair Procedures, Cost Impact, Etc.)

Note: Any comments or replies to the FAA need to be as specific as possible. Please provide specific examples to illustrate your comments/concerns) :

The FAA encourages comments on this topic, including, but not limited to the following areas:

- Technical comments on the engine models affected.
- Are you aware of other aircraft or engine models that should be identified in this AD?
- Are there common modifications/alterations which might require different actions than those described in the AD?
- Are there alternative inspection methods available that address this situation?
- Have you ever discovered damage or deterioration to the alternate air door?
- Have you ever discovered other related damage or corrosion that directly affected this installation? If so, what actions did you take to correct the situation?
- Do you consider the area described as difficult to access and/or inspect?

Response Date Requested: 08/31/04